

Q1 a high-resistivity layer disposed between the insulator and the semiconductor material.--

Please cancel Claim 18.

Please amend Claim 19 as follows.

Q2 --19. (Amended) A semiconductor device according to Claim 16, wherein the high-resistivity layer is an epitaxial layer.--

Please amend Claim 36 as follows.

--36. (Amended) A semiconductor device, comprising:

Q3 a semiconductor substrate and a conductive element;

an insulating layer disposed between the semiconductor substrate and the conductive element, wherein the insulating layer includes a substantially monocrystalline material; and

a layer of semiconductor material having a higher resistivity than the semiconductor substrate disposed between the semiconductor substrate and the insulating layer.--

Please cancel Claim 38.

Please amend Claims 39 and 40 as follows.

--39. (Amended) A semiconductor device according to Claim 36, wherein the higher resistivity layer is an epitaxial layer.

Q4 40. (Amended) The semiconductor device as described in Claim 36, wherein the semiconductor device is a voltage variable capacitor.--

Please amend Claim 47 as follows.

--47. (Amended) A voltage variable thin film capacitor, comprising:

a first semiconductor layer;

a second semiconductor layer of a higher resistivity semiconductive material
formed on the first semiconductor layer;

an insulating layer formed on the second semiconductor layer comprising a thin
film of substantially monocrystalline material; and

a conductive electrode formed on the insulating layer;

wherein the structure of the monocrystalline material is rotated approximately
45 degrees with respect to the structure of the at least one of the first or second semiconductor
layers.--

Please cancel Claim 50.

SUPPORT FOR AMENDMENT

The amendments to the claims are supported throughout the specification, and by the
claims as originally filed. No new matter has been entered.

REMARKS

The above amendment to the claims removes the anticipation rejections. Claim 18
has been incorporated into Claim 16, Claim 38 has been incorporated in Claim 36, and Claim
50 has been incorporated in Claim 47. Accordingly, Applicants respectfully request the
reconsideration and withdrawal of the anticipation rejection over Onga.

The remaining rejections are obviousness rejections over Onga alone, or in view of
Cornett.